TRANSMITTAL LETTER (General - Patent Pending)	REC	Docket No. 10425						
In Re Application Of: Michael & BELL et al. JUL 2 2 2002								
Serial No. O9/991,001 Filing Date November 14, 2001	Examiner	Group Art Unit 1743						
Title: METHOD AND APPARATUS FOR MULTIPLEX FI	LOW CYTOMETRY ANA	LYSIS FROM SAMPLES						
TO THE ASSISTANT COMMISSIONER FOR PATENTS:								
Transmitted herewith is: SUPPLEMENTAL TRANSMITTA INFORMATION DISCLOSURE CITATION; REFERENCE		\ <u>`</u>						
in the above identified application. ☑ No additional fee is required. ☐ A check in the amount of is attached. ☑ The Assistant Commissioner is hereby authorized to do as described below. A duplicate copy of this sheet is ☐ Charge the amount of ☑ Credit any overpayment. ☑ Charge any additional fee required. ☑ Charge any additional fee required.	charge and credit Deposit	VED 2002 2002 00/2900						
Denton L. Anderson Registration No. 30,153 SHELDON & MAK 225 S. Lake Ave., 9th Floor Pasadena, CA 91101 626-796-4000 JGS/DLA/jjh cc:	on July 10, 2002 first class mail und Assistant Commi 20231.	document and fee is being deposited with the U.S. Postal Service as der 37 C.F.R. 1.8 and is addressed to the ssioner for Patents, Washington, D.C. of Person Mailing Correspondence Jennifer Hargis						
CC.	Typed or Printed	Typed or Printed Name of Person Mailing Correspondence						

Supplemental

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c)) Docket No. 14025									
In Re App	In Re Application Of Michael L. SELL et al. AUG 0:7 2002								
	Serial No. PADE November 14, 2001	Examiner	7700 Group Art Unit 1743						
Title: METHOD AND APPARATUS FOR MULTIPLEX FLOW CYTOMETRY ANALYSIS FROM BODILY FLUID									
SAMPLI	SAMPLES								
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	Address to: Assistant Commissioner for Patents Washington, D.C. 20231 TECH								
	37 (CFR 1.97(b)							
2.	The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 37 CFR 1.97(c) The Information Disclosure Statement submitted herewith is being filed after the period specifieds 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:								
	☐ the statement specified in 37 CFR 1.97(e));	RF						
	the fee set forth in 37 CFR 1.17(p).		RECEIVED JUL 24 2002 TECHNOLOGY CENTER 1700						

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			14025 Applicant(s)	09/991,001			
			Michael L. BELL et al.				
			Filing Date	Group Art Unit			
			November 14, 2001	1743			
*EXAMINER		OTHER DOCUMENTS (Including Author, Ti		°Cc.			
INITIAL		Angew, Chem, Int. Ed. Engl. 30 (1991) No. 12;, pg 7-B-D-Galactopyranosyloxy-9, 9-dimethyl-9H-acri	s. 1646-1648 "A New Chromogenic	B-Galatosidase Sulstrate:			
		/-B-D-Gaiactopyranosyloxy-9, 9-dimethyl-9H-acri	din-2-one, Paul F. Corey, Robert W.	1 rinimer, and William & Biddlecom			
			"	C 7 > <002			
TIPE	*	Tietz Textbook of Clinical Chemistry, Chapter 22,	pgs. 652-721	700			
	8			•			
JUL 2 2 200	² 2)						
λ.	\$	Clin Chim Acta 1976 Jul. 15; 70(2): 333-336; An afluorescence, occurring in the serum of patients wi	artefact in lactate dehydrogenase iso	enzyme patterns, assayed by			
TRADEN		D. Henderson AR	th end-stage renai disease requiring	maintenance naemodiarysis. Wekenzie			
THAUES							
	 	J Biochem (Tokyo) 1983 Apr.; 93(4): 1055-1060; P	reparation of a new fluorogenic sub	strate of alpha-amylases and a simple			
		alpha-amylase assay by HPLC; Omichi K., Ikenak	а 1.				
	1700	Clin Chim Acta 1984 Apr. 13; 138(2); 197-203; Di	fferential assay of human pancreatic	and salivary alpha-amylases in serum			
	17	using a new fluorogenic substrate; Omichi K. İken	aka T.				
	TER TER						
RECEIVED		J. Biochem (Tokyo) 1986 Jan.; 99(1): 291-294; Flu	orometric rate assay of alpha-amyla	se using an intramolecularly-quenched			
	17. 7.	fluorescent substrate (FG5P). Omićhi K., Ikenaha	Т.				
5		fluorescent substrate (FG5P). Omichi K., Ikenaha					
- W	1	Ht Chromatogr 1987 Aug. 7: 419: 51-60: Liquid ch	romatographic assay of the relative	activities of serum pancreatic and			
		Salivary alpha-amylase using reductively pyridylar Segawa Y., Minematsu T. Kakehi K.	minated maltopentaose as a fluoresce	ent substrate. Honda S., Ohmura T.,			
		المستاد المستد المستاد المستاد المستاد المستاد المستاد المستاد المستاد المستاد		7.			
	-	Clin Chem 1975 Nov.; 21 (12) 1788-1790; Fluorom	petric method for measuring serum li	inase activity Rietz B. Guilbault GC			
		Chir Chem 1973 Nov., 21 (12) 1766-1790, Fluoron	ietric method for measuring serum n	AUG AUG			
				2 2 U			
	8						
	33	Clin Chem 1986 Aug.; 32(8): 1532-1536; Fluorom Douste-Blazy L.	etric assay for pancreatic lipase; Sal				
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SEIVEI 3 0 2002	ER 1600/2900						
() ^e	巴	Biochim Biophys Acta 1988 Nov. 25; 963(2): 340-3 stomach and gastric juice; Negre A., Salvayre R., I	48; Hydrolysis of fluorescent pyrene Dousset N., Rogalle P., Dang OO, Do	etriacylglycerols by lipases from human Juste-Blazy L.			
4 E(
r «	Ħ						
		Anal Chem 1992 Jan. 15; 64(2); 181-186; Determin	nation of human serum alcohol dehy	drogenase using isozyme-specific			
	•	fluorescent substrates; Wierzchowski J., Holmquis	n D., Vallee DL.				
	1	1					

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and

EXAMINER

not considered. Include copy of this form with next communication to applicant.

J Pept Sci 1998 Apr.; 4(2): 83-91; Inhibition of cruzipain visualized in a fluorescence quenched solid-phase inhibitor library assay. D-amino acid inhibitors for cruzipain, cathespin B and cathepsin L.; Meldal M., Svendsen IB, Juliano L., Juliano MA, Nery Ed, Scharfstine J.

DATE CONSIDERED

Supplemental				Docket Number (Optional) 14025	Application Number 09/991,001			
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant(s) Michael L. BELL et al.				
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				November 14, 2001	1743			
*E	XAMINER INITIAL		OTHER DOCUMENTS (Including Author, Titl	<u> </u>	PA			
_			Proc Natl Acad Sci USA 1994 Apr. 12: 91(8): 3314-3318; Portion-mixing peptide libraries of quenched fluorog for complete subsite mapping of endoprotease specificity; Meldal M., Svendsen I., Breddam K., Auzanneau Fl Methods Mol Biol 1998; 87: 51-57; Introduction to combinatorial solid-phase assays for enzyme activity and interest of the second					
í	51PE	101 00 V	Methods Mol Biol 1998; 87: 51-57; Introduction to combinatorial solid-phase assays for enzyme activity and inhibition, Meldal M.					
· V	& TRADEN	ART OCHUC	Anal Biochem 1991 Apr.; 194(1); 185-191; A solid-phase assay for beta-1,4-galactosyltransferase activity in human serum using recombinant aequorin; Zatta PF, Nyame K., Cormier MJ, Mattox SA, Prieto PA, Smith DF, Cummings RD					
		Appl Biochem Biotechnol 1996 Feb.; 56(2): 155-167; Immobilized glucose-6-phosphate dehydrogenase as a substrate for solubilized epidermal growth factor receptor tyrosine kinase. A convenient microtiter plate assay system; Cheng CH, Hui						
C	2, 18	Œ,	Clin Chem 1975 Nov.; 21(12); 1791-1794; Fluorome semisolid surface; Rietz B., Guilbault GG.					
,			Clin Chim Acta 1980 Oct. 23; 107(1-2); 21-26; A new fluorimetric method for the determination of gamma-glutamyltransferase activity in blood serum; Prusak E., Siewinski M., Szewczuk A.					
	œ		Glin Chim Acta 1982 June 3; 121(3): 291-300; Loca پاgamma-glutamyl-p-nitroanilide as substrate; Selv	araj P., Balasubramanian KA	RI Au TC 170			
		00	Ann Clin Biochem 1985 Jul.; 22(Pt 4): 376-380; Ele with hepatoma; Hammond KD, Gravenor MJ, Piess	ctrophoretic studies of serum gamma- as D	EIVI 13 2			
CHINED	3 0 2002	TER 1600/2900	Spatial and Spectral Imagining of Single Micron-Siparticles; Ioannis Tsagkatakis, Shane Peper and Eri Alabama 36849; Submitted to BCI on May 22, 2000	ic Bakker: Department of Chemistry.	Auburn-University, Auburn,			
ם ה	AUG	OH CEN	Cytometry 25: 374-380 (1996); Flow Cytometric Analysis of Gelatinase B (MMP-9) Activity using immobilized fluorescent substrate on microspheres; Yves St-Pierre, Marcel Desrosiers, Pierre Tremblay, Perre-Olivier Esteve, and Ghislain Opdenakker					
	F		Proc. Natl. Acad. Sci. USA Vol. 91. pp. 3314-3318, April 1994 Chemistry; Portion-mixing peptide libraries of quenched fluorogenic substrates for cooplete subsite mapping of endoprotease specificity; Morten Meldal, IB Svendsen, Klaus Breddam, and France-Isabelle Auzanneau					
			The Journal of Biological Chemistry, Vol. 272, No. 5, Issue of Jahuary 31, pp. 2709-2713, 1997; A bifunctionalized fluorogenic tetrasaccharide as a substrate to study cellulases; Sylvie Armand, Sophie Drouillard, Martin Schulein, Bernard Henrissat, and Hughes Driguez.					
EXAMINER				DATE CONSIDERED				
			citation considered, whether or not citation is in conforma copy of this form with next communication to applicant.	nce with MPEP Section 609; Draw line the	rough citation if not in conformance and			

Supplemental						Docket Number (Optional) Application Number 14025 09/			991,001	
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					OTHER I	OOCUMENTS (Incl	uding Author, Title, i	<u></u>	ges, Etc;)	
			J. Peptide Sci. 4; 83-91 assay. D-Amino acid i Maria A. Juliano, Elai	1 (1998) Inhibition nhibitors for cruzi	of Cruzipa	in Visualized in a F psin B and Cathepsi	luorescence quencl n L., Morten Meld	ned solid-phase al, IB Svendsen	inhibitor. , Luiz Juli	ibrary ano,
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